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December 9, 1844.

REV. J. H. TODD, D.D., Vice-President, in the Chair.

Read, a letter from Rev. T. R. Robinson, D.D., on the periodical Meteors of the 10th August.

Rev. H. Lloyd gave an account of two remarkable halos and paraselenæ, observed in May and June last :

On the 27th of June, at 10<sup>h</sup> 30<sup>m</sup> P. M., a very remarkable phenomenon of paraselenæ was seen in Dublin. The moon was encompassed, as usual, by a halo, whose radius was about 22 degrees, but so faint, that its presence was unnoticed by some of the observers. A cross of light traversed the place of the moon, the arms of which were horizontal and vertical, the light fading off insensibly towards their extremities. The remaining parts of the space within the halo were darker than the surrounding sky. At the extremities of the horizontal diameter of the circle were two brilliant paraselenæ, having tails of light extending from the moon ; of these the eastern was the most distinct. The whole phenomenon is represented in the lithograph sketch in the Appendix.

This beautiful phenomenon was witnessed by many observers. The appearances are briefly described in the records of the Magnetical Observatory, by the assistant whose duty it was to observe at 10 P. M. ; and I have likewise received notes of them from Mr. O'Neill, formerly my assistant in the observatory (who has likewise furnished me with an interesting sketch), and from our Assistant Secretary, Mr. Clibborn.

The state of the sky at 10 P.M., shortly before the appearance of the phenomenon, is thus recorded in the day-book of the Observatory : " Sky all very lightly overcast ; small dark masses of cumulo-stratus above the southern horizon, the moon shining weakly through them." The barometer had been rising uninterruptedly during the 27th, and the three days